Bureau of Land Management



Amarillo Field Office Helium Operations

Statistical Report for September - 2000





Distribution:

Fluid Minerals Group Manager, Washington Office

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- -Federal Leased Lands
- -Gas Analysis
- -Resources Evaluation
- -Natural Gas Engineering

List of Tables

- Table 1 Summary of Helium Operations
- * Table 2 Helium Sales
- * Table 3 Helium Resources Evaluation
- * Table 4 Federal Acquisition & Storage Operations
- * Table 4.1 Helium Storage Contract Activity

Table 5 - Pipeline & Cliffside Field Operations

Amarillo, Texas

Issued: October 5, 2000

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Approved for distribution: Nelson R. Bullard /s/
Date: 10/05/2000

Table 1 - Summary of Helium Operations

September - 2000

In Kind Sales	NASA*	Navy*	Army*	Air Force*	DOE*	Other Fed*	Subtotal*	In Kind	Charges Billed (\$)**		
Total month	28,679	88	0	6,832	11,901	4,345	51,845	51,042	\$2,526,559		
Total FYTD	126,076	1,492	0	34,476	45,153	27,322	234,518	230,888	\$11,400,083		
Total CYTD	93,422	1,032	0	23,836	33,987	23,488	175,765	173,044	\$8,565,727		
In Kind Transfers							Month	FYTD	CYTD Cumulative		
Transferred							878	236,404	179,474 481,992		
Volume outstanding							51,414				

		Month		Month	FYTD	Month	FYTD	FYTD	CYTD	Cumulative
	Helium-Gas	Helium		Low Purity Helium		Belo	w 50%	Contained Helium		
Purchased Helium	Mixture	Percent	Helium			He	lium			
Total purchased										32,176,145
Purchased helium produced / transferred			878					236,404	179,474	2,467,332
Balance of purchased helium in storage										29,708,813
Private Plant Activity										
Accepted in storage system	84,495	69.42%	58,657	1,002	18,381	(150)	(2,632)	894,431	658,045	5,906,586
Redelivered from storage system	n (265,049)	69.09%	(183,116)	0	0	93	1,770	(1,665,339)	(1,337,150)	(5,415,543)
Total apparent crude produced/	224,660	70.03%	157,335					2,195,155	1,614,302	NA
Total apparent crude refined^	(355,158)	69.58%	(247,128)					(2,529,136)	(1,970,894)	NA

	Metered Gas				Transferred Gas		Stored	Charges Billed		
	Gross Gas	Gross Gas Helium Helium				Не	elium	Helium	Dollars**	
Storage Contract Activity	Month		FYTD	CYTD	Cumulative	Month	Cumulative	EOM	Month	FYTD
Crude Acquired	84,320	58,507	891,799	656,605	23,285,984	57,878	23,054,416			
Crude Disposed	264,721	183,023	1,663,569	1,336,944	17,241,627	57,000	22,572,155			
Grade-A Rdlvrd	0	0	0	0	1,427,554	0	0			
Net/Balance	(180,401)	(124,516)	(771,770)	(680,339)	4,616,803	878	482,261	4,405,218	\$213,112	\$2,283,667

Bush Dome Reservoir Operations	Month		Fiscal '	Year	Since St	art of	Since	
					Conservation	n Program	Field Discovery	
Conservation gases from all sources	Gross	Net	Gross	Net	Gross	Net	Gross	Net
In underground storage, beg. of period	47,372,572	34,185,170	48,270,503	34,836,504	490,620	490,620	0	0
Net Activity	(166,674)	(121,648)	(1,064,605)	(772,982)	46,715,278	33,572,902	47,205,898	34,063,522
Total in underground storage	47,205,898	34,063,522	47,205,898	34,063,522	47,205,898	34,063,522	47,205,898	34,063,522
Native Gas								
Total in place, beg. of period	209,000,674		209,039,114		265,724,755		318,727,000	
Net Activity	(6,820)							
Total in place, end of month	208,993,854							
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	256,373,246		257,309,617		266,215,375		318,727,000	
Net Activity	(173,494)		(1,109,865)		(10,015,623)		(62,527,248)	
Total gases in place, end of month	256,199,752		256,199,752		256,199,752	1	256,199,752	
Helium Bessumes Fuglantian		1			EVED			

Helium Resources Evaluation			Month		FYTD	
Revenue Collected from Federal Lease Holds			\$374,135		\$3,636,016	
Helium Sample Collection Report	Submitted	65	Received	65	Analyzed	100
			<u> </u>			
Customer Comment Cards Mailed			Month	12	FYTD	29

Table 5 - Pipeline & Cliffside Field Operations All Volumes in Mcf at 14.65 psia & 60°F

September - 2000

	1	2	3	4	5	6	7	8
						tart of	Since	
	Moi	nth	Fiscal	Year	Conservatio	n Program	Field Discovery	
	Gross	Net	Gross	Net	Gross	Net	Gross	Net
Conservation Pipeline								
Beginning of period inventory (1)	18,670	13,069	18,919	13,243	0	0		
Measured to pipeline (2)	257,989	180,428	2,385,081	1,669,661	101,892,387	72,977,018		
Measured from pipeline (3)	265,049	183,117	2,397,598	1,665,351	36,169,860	25,998,189		
Measured into Bush Dome (4)	0	О	2,152	1,512	64,353,584	46,235,012		
Calculated inventory (1+2-3-4)	11,610	10,380	4,250	16,041	1,368,943	743,817		
End of period inventory	17,409	12,186	17,409	12,186	17,409	12,186		
Line gain or (loss)	5,799	1,806	13,159	(3,855)	(1,351,534)	(731,631)		
Percent gain (loss) of total measured	1.109%	0.497%	0.275%	-0.116%	-0.668%	-0.504%		
Bush Dome Reservoir Operation	ons							
Conservation gases from all sources								
In underground storage, beg. of period	47,372,572	34,185,170	48,270,503	34,836,504	490,620	490,620	0	C
Injected during period to date	0	О	2,152	1,512	64,353,855	46,234,973	64,961,755	46,842,873
Withdrawn during period to date	166,674	121,648	1,066,757	774,494	17,684,726	12,708,220	17,802,006	12,825,500
Helium from Exell-Soncy	0	О	0	0	46,149	46,149	46,149	46,149
Total in underground storage	47,205,898	34,063,522	47,205,898	34,063,522	47,205,898	34,063,522	47,205,898	34,063,522
Native Gas								
Total in place, beg. of period	209,000,674		209,039,114		265,724,755		318,727,000	
Recoverable in place, beg. of period	199,949,674		199,988,114		256,673,755		309,676,000	
Production during period to date	6,820		45,260		56,730,901		109,733,146	
Total in place, end of month	208,993,854		208,993,854		208,993,854		208,993,854	
Recoverable in place, end of month	199,942,854		199,942,854		199,942,854		199,942,854	
Native Gas plus Conservation Gases								
Total gases in place, beg. of period	256,373,246		257,309,617		266,215,375		318,727,000	
Total gases in place, end of month	256,199,752		256,199,752		256,199,752		256,199,752	
Change during period	(173,494)		(1,109,865)		(10,015,623)		(62,527,248)	
Ave. reservoir pressure, beg. of period	673.1	[675.8		685.0	[814.1	
7.ve. received pressure, seg. of period	075.1	L	070.0		000.0	Ĺ	- 014.1	
Tuck Trigg Reservoir Operation	ons							
Native Gas						-		
Total in place, beg. of period	5,231,108		5,233,991				5,890,000	
Recoverable in place, beg. of period	4,561,108		4,563,991				5,220,000	
Production during period to date	0		2,883				658,892	
Total in place, end of month	5,231,108		5,231,108				5,231,108	
Recoverable in place, end of month	4,561,108		4,561,108				4,561,108	
Ave. reservoir pressure, beg. of period	486.7		487.0				548.0	